

NOV 18 2004

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl No. : 09/851,264 Confirmation No.: 2981  
Applicant : VERDUIN ET AL.  
Filed : May 8, 2001  
TC/A.U. : 1764  
Examiner : Tam M. Nguyen  
Docket No. : 95M014/3  
Customer No. : 23455

**COMPLIANT LETTER TO THE CLAIMS UNDER 37 C.F.R. 1.121**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

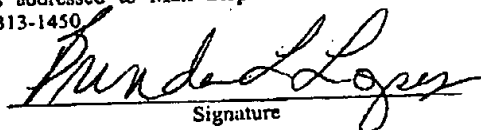
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Brenda L. Lopez

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Signature

In response to the Official Action dated October 23, 2003, Applicants respectfully request entry of the following corrected amendments to the claims in the above-identified application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Page 1 of 4

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Application Serial No. 09/851,264 Filed 5-8-2001

Type of Paper Compliant Letter to the  
Claims under 37 CFR 1.121

Family No. 95M014/3

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## TRANSMITTAL FORM

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MAIL STOP NON-FEE AMENDMENT  
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Sir:

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- Compliant Letter to the Claims Under 37 C.F.R. 1.121; and,
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November 21, 2003  
Date of Signature

By:



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Appl. No. 09/851,264  
Amdt. dated November 21, 2003  
Reply to Office Action of October 23, 2003

### Amendments to the Claims

This listing of claims will replace all prior versions, and listing of claims in the application:

### Listing of Claims

Claims 1-33. (Cancelled)

34. (Currently Amended) A method for the dehydrocyclization and/or isomerization of an aliphatic hydrocarbon comprising contacting the hydrocarbon at a temperature in the range of from 370°C to 600°C with a catalyst so as to convert at least part of the hydrocarbon into an aromatic hydrocarbon, the catalyst comprising a Group VIII metal and gallium-containing LTL zeolite formed of cylindrical crystallites having basal planes so shaped that the ratio of axial length of curved cylindrical surface to the overall axial length of the crystallite is greater than 0.9, ~~the length of the crystallites is greater than 0.9,~~ the mean diameter of the crystallites is in the range of at least 0.05 microns up to less than 1.5 microns and the mean length of the crystallites is less than 0.6 microns.

35. (Cancelled)

36. (Original) The method of claim 34, wherein the mean diameter of the crystallites ranges from 0.3 to less than 1.5 microns.

37. (Original) The method of claim 36, wherein said diameter ranges from 0.4 to 1.0 microns.

38. (Original) The method of claim 34, wherein the mean length of the crystallites ranges from 0.1 to less than 0.6 microns.

Appl. No. 09/851,264  
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39. (Original) The method of claim 38, wherein said length ranges from 0.1 to 0.3 microns.

40. (Original) The method of claim 34, wherein the aspect ratio of length to diameter of said crystallites is at most 0.5.

41. (Currently Amended) The method of claim 34, wherein the mean diameter of said crystallites ranges from 0.3 to less than 1.5 microns and the mean length of said crystallites ranges from 0.1 to less than 0.6 microns.

42. (Original) The method of claim 34, wherein said zeolite contains less than 0.2% by weight alumina.

Appl. No. 09/851,264  
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REMARKS/ARGUMENTS


Applicants respectfully request reconsideration of the subject application in light of this Amendment and the Amendment and Response submitted to the United States Patent and Trademark Office on November 21, 2003.

The presently pending claims are Claims 34 and 36-42. Claims 1-25 and 35 have been cancelled.

Respectfully submitted,

Date: 11-21-2003

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